

CLAIMS:

1. A data carrier (1) which is adapted to provide contactless communication with a communication station and which has a substrate means (2) and which has a communication resonant circuit (3) connected to the substrate means (2) and consisting of at least one communication coil (4) and of a capacitor configuration (6) which is connected to the at least one communication coil (4) in an electrically conductive manner, which communication resonant circuit has a resonant frequency (f_R) which should have a nominal value, and which has changing means (9) for changing the resonant frequency (f_R) of the communication resonant circuit (3), which changing means (9) are adapted to change the resonant frequency (f_R) from an initial value to higher frequency values, characterized in that the changing means (9) are, in addition, adapted to change the resonant frequency (f_R) from the initial value to lower frequency values.
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2. A data carrier (1) as claimed in claim 1, characterized in that the changing means (9) are formed by a single trimming plate (9) made of a metal, and the trimming plate (9) is mechanically connected to the substrate means (2) of the data carrier (1) at a location which determines the resonant frequency (f_R) of the communication resonant circuit (3).
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3. A data carrier (1) as claimed in claim 2, characterized in that the capacitor configuration (6) has two juxtaposed electrode plates (7, 8) made of a metal and connected to the substrate means (2), and the trimming plate (9) forms a part of the capacitor configuration (6) and is positioned to face the two electrode plates (7, 8) and is electrically insulated with respect to the electrode plates (7, 8).
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4. A data carrier (1) as claimed in claim 3, characterized in that the communication coil (4) has an essentially planar shape and has essentially coplanar coil turns (5), and the electrode plates (7, 8) and the trimming plate (9) are disposed inside the coil turns (5) of the communication coil (4).
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